

Cyclones and gales.—August, like the two preceding months, was remarkably free from storms of extratropical origin, and storm reports have been recorded for only three vessels north of the thirtieth parallel, with no wind higher than force 9 reported.

Tropical disturbances.—On the 12th and 13th there was a severe tropical disturbance in the Gulf of Mexico, that will be described in detail in a later issue of the REVIEW. The Honduran S. S. *Nicarao* (O. Pedersen, captain and observer) was caught in the center of the disturbance off Galveston. At the time of lowest barometer the wind was practically calm. The barometer was later tested at New Orleans, and the lowest corrected reading, 27.82 inches, indicates the intensity of this storm over the Gulf. Chart VIII shows the conditions on the morning of the 13th.

On the evening of the 29th there was a well-developed disturbance near Miami which had originated several days before near Puerto Rico. It passed on into the Gulf of

Mexico and moved inland near Pensacola on the night of the 31st. Shipping was not seriously affected by this storm, apart from some delays and minor damage.

At the end of the month another tropical disturbance was in progress a short distance north of Puerto Rico, and this afterwards developed into a severe hurricane that will be described in a later issue of the REVIEW.

Fog.—Fog was reported over the northern trans-Atlantic ship lanes on from 5 to 13 days, being, as usual, most prevalent between the American coast and 40° west longitude. Practically no fog reports were made from areas south of the fortieth parallel during August.

Trans-Atlantic aviation.—The only trans-Atlantic flight accomplished during the month was made by Capt. J. A. Mollinson, a British aviator, who flew westward from Ireland, landing near Pennfield Ridge, New Brunswick, at 11.55 a. m., August 19. This was the first solo flight westward across the Atlantic. The weather conditions of the 18th, preceding the take-off, are shown on Chart IX.

OCEAN GALES AND STORMS, AUGUST, 1932

Vessel	Voyage		Position at time of lowest barometer		Gale began	Time of lowest barometer	Gale ended	Lowest barometer	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Direction and highest force of wind	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
NORTH ATLANTIC OCEAN													
Patrick Henry, Am. S. S.	Houston	Canal Zone	26 40 N	91 35 W	Aug. 12	9p., 12	Aug. 13	29.52	NE	NE, 10	SSE	NE, 10	NE-E-S.
Gertrude Kellogg, Am. S. S.	do	Baltimore	27 00 N	188 00 W	do	4p., 12	do	29.89	SE	SE, 7	SE	SE, 8	
Wm. Boyce Thompson, Am. S. S.	do	Marcus Hook	27 00 N	190 00 W	do	4a., 13	do	30.07	SE	SE, 7	SE	—, 9	
Nicarao, Hond. S. S.	Galveston	Bluefields	29 00 N	94 50 W	Aug. 13	7.30 p., 13	Aug. 14	27.82	NE	NE, —	SSE	NE, 12	NE-SSW.
John D. Archbold, Am. S. S.	New York	Corpus Christi	27 08 N	92 02 W	Aug. 12	7a., 13	Aug. 13	29.83	SE	SE, 8	S	SSE, 9	SSE-SE.
Unicoi, Am. M. S.	St. John	Port Said	38 50 N	17 40 W	Aug. 17	6a., 18	Aug. 18	29.89	NW	NNE, 6	N	NNE, 8	NNE-N.
City of Harvard, Br. S. S.	River Tyne	Norfolk	49 10 N	39 50 W	Aug. 26	4p., 26	Aug. 26	29.77	SW	SSW, 8	NW	SSW, 8	SSW-NW.
West Chataia, Am. S. S.	Houston	Liverpool	47 43 N	34 23 W	Aug. 28	—, 28	Aug. 29	29.88	SSW	SSW, 7	WNW	—, 9	SSW-NW.
El Estero, Am. S. S.	Baltimore	Galveston	25 52 N	79 30 W	Aug. 29	Mdt., 29	Aug. 30	29.70	E	SE, 10	S	SE, 10	E-SSE.
Delftdijk, Du. M. S.	Swansea	Colombia	20 30 N	65 00 W	Aug. 31	6p., 31	Sept. 1	29.76	SE	SSE, 9	S	SSE, 10	SSE-S.
NORTH PACIFIC OCEAN													
Elmbank, Br. M. S.	Osaka	Shanghai	29 50 N	123 39 E	Aug. 1	1p., 1	Aug. 2	29.80	ENE	ENE, 6	SSW	NE, 8	ENE-E.
Do	do	do	29 52 N	125 27 E	Aug. 3	1p., 3	Aug. 3	29.65	S	S, 5	SW	SW, 9	S-SW.
Nevada, Am. S. S.	Hong Kong	San Francisco	32 00 N	128 30 E	Aug. 1	8p., 2	do	29.29	SE	SE, 11	S	SE, 11	None.
Do	do	do	40 55 N	139 00 E	Aug. 5	6p., 5	Aug. 6	29.20	SSW	E, 3	NE	NNE, 10	SSW-E-NNE.
Steel Age, Am. S. S.	Honolulu	Panama	18 30 N	133 40 W	Aug. 8	1a., 9	Aug. 9	29.85	NE	NE, 8	NE	NE, 8	ENE-NE.
Golden Peak, Am. S. S.	San Francisco	Yokohama	42 01 N	154 27 E	Aug. 16	8p., 16	Aug. 17	29.20	SSE	S, 11	NW	S, 11	SSE-SSW.
Hakonesan Maru, Jap. M. S.	Yokohama	San Francisco	40 01 N	150 48 W	Aug. 19	6a., 19	Aug. 19	29.93	S	S, 6	SE	S, 8	S-SE.
Ward, Am. M. S.	Shanghai	San Pedro	46 12 N	179 40 E	Aug. 26	10p., 27	Aug. 27	29.69	S	SSW, 9	SSW	SSW, 10	S-SSW.
Atago Maru, Jap. M. S.	Otaru	San Francisco	43 21 N	154 05 E	do	Noon, 26	Aug. 28	29.59	N	N, 7	N	NNW, 8	W-N.
Golden Star, Am. S. S.	Hong Kong	do	43 11 N	176 15 W	Aug. 27	5a., 27	Aug. 27	29.66	SE	SSW, 8	SW	S, 8	SSE-SSW.
MEXICAN WEST COAST GALES													
Point Palmas, Am. S. S.	San Pedro	New Orleans	16 40 N	101 05 W	Aug. 1	1a., 1	Aug. 1	29.90	SE	SE, 8	SE	SE, 8	Steady.
Losmar, Am. S. S.	Los Angeles	Balboa	20 05 N	106 37 W	Aug. 15	8p., 15	Aug. 16	29.80	SE	SE, 7	ESE	ESE, 8	SE-ESE.
Mauna Ala, Am. S. S.	Hawaiian Is.	do	15 00 N	110 48 W	Aug. 21	5a., 22	Aug. 22	28.08	NNW	E, 10	SSE	E, 10	NE-E-ESE.
Alaskan, Am. S. S.	Los Angeles	do	15 51 N	98 24 W	Aug. 24	5p., 24	Aug. 25	29.70	ESE	ESE, 9	ESE	ESE, 9	Steady.
Walter A. Luckenbach, Am. S. S.	San Pedro	Philadelphia	17 10 N	101 55 W	Aug. 25	4p., 25	Aug. 26	29.54	E	E, 10	ESE	ESE, 10	E-ESE.
Nora, Am. S. S.	do	Balboa	17 37 N	103 10 W	do	11p., 25	do	28.80	E	S, 12	SW	S, 12	S-SW.
Santa Ana, Am. S. S.	do	do	18 00 N	103 20 W	Aug. 26	4p., 26	do	28.64	NE	SSW, 12	WSW	NE, 12	NE-E.
Bettarton, Am. S. S.	San Francisco	do	17 26 N	102 46 W	do	5p., 26	do	28.96	NW	SE, 12	W	SE, 12	NE-E-S.
Knoxville City, Am. S. S.	do	do	19 31 N	107 10 W	do	4p., 26	Aug. 27	29.73	WNW	WNW	W	W, 8	NW-WNW.
INDIAN OCEAN													
Dunrobin, Br. S. S.	Freemantle, W. A.	Newcastle, N. S. W.	38 15 S	118 02 E	Aug. 1	11p., 1	Aug. 2	28.80	NE	NNE, 8	NW	NNE, 9	NE-N-NNW.
Achilles, Br. S. S.	Colombo	Suez	9 35 N	52 00 E	do	4p., 2	do	29.64	SSW	SSW, 8	S	SW, 10	SW-S.
SOUTH ATLANTIC OCEAN													
Strabon, Fr. S. S.	Antwerp	Buenos Aires	26 54 S	45 30 W	Aug. 7	3a., 7	Aug. 7	29.91	NNE	NW, 8	NW	NW, 9	NNE-NW.

¹ Position approximate.

[†] Uncorrected.